

**REPLY UNDER 37 C.F.R. 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2194  
PATENT**

**APPLICATION 10/667,060  
ATTORNEY DOCKET 2002PI5893US01 (1009-175)**

**REMARKS**

Applicant respectfully thanks the Examiner for the consideration provided to this application, and respectfully requests reconsideration of this application.

Each of claims 1, 7, 8, 14, 22, and 32 has been amended for at least one reason unrelated to patentability, including at least one of: to explicitly present one or more elements, limitations, phrases, terms and/or words implicit in the claim as originally written when viewed in light of the specification, thereby not narrowing the scope of the claim; to detect infringement more easily; to enlarge the scope of infringement; to cover different kinds of infringement (direct, indirect, contributory, induced, and/or importation, etc.); to expedite the issuance of a claim of particular current licensing interest; to target the claim to a party currently interested in licensing certain embodiments; to enlarge the royalty base of the claim; to cover a particular product or person in the marketplace; and/or to target the claim to a particular industry.

Support for the amendments to each of claims 1, 14, 22, and 32 can be found at least at paragraph 52 of the published application, U.S. Patent Publication 2004/0117535. It is respectfully submitted that no new matter has been added.

Claims 1-32 are now pending in this application. Each of claims 1, 14, 22, and 32 is in independent form.

**I. The Obviousness Rejections**

Each of claims 1-32 was rejected under 35 U.S.C. 103(a) as being unpatentable over various combinations of U.S. Patent No. 6,996,828 ("Kimura"), a book Halang, "Real-time Systems" pages 291 – 313, U.S. Patent Publication 2003/0041088 ("Wilson"), and/or U.S. Patent No. 6,725,260 ("Philyaw"). Each of these rejections is respectfully traversed.

Each of independent claims 1, 22, and 32 states, *inter alia*, yet the applied portions of Kimura do not teach, "an interrupt line of the reassigned resource shared in the second operating system with at least one real-time card". Claim 14 states, *inter alia*, yet the applied portions of Kimura do not teach, "an interrupt line of the assigned resource shared in the second operating system with at least one real-time card".



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Instead, Kimura allegedly asserts, at col. 9, lines 24-32:

[w]hen the device driver requires an interrupt number upon loading thereof, the kernel examines the table 900 and gives the right for using the required interrupt number to the device driver **only when the interrupt number is not used.**

**When it is described in the table that the interrupt number is already in use, the hardware device cannot be utilized by the first OS.**

Thus, Kimura actually teaches away from "an interrupt line of the" assigned or reassigned "resource shared in the second operating system with at least one real-time card".

For at least these reasons a reconsideration and withdrawal of each rejection of each of claims 1, 14, 22, and 32 is respectfully requested. Also a reconsideration and withdrawal of each rejection of each of claims 2-13, 15-21, and 23-31, each ultimately depending from one of claims 1, 14, and 22, is respectfully requested.



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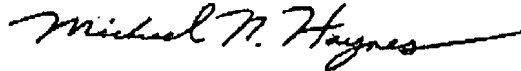
**CONCLUSION**

It is respectfully submitted that the application is in clear condition for allowance. Reconsideration, withdrawal of all grounds of rejection, and issuance of a Notice of Allowance are earnestly solicited.

The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. 1.16 or 1.17 to Deposit Account No. 50-2504. The Examiner is invited to contact the undersigned at 434-972-9988 to discuss any matter regarding this application.

Respectfully submitted,

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Date: 10 July 2007

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